

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method of ~~preventing~~, reducing, or inhibiting invasiveness and metastasis of tumor cells in a subject comprising administering to the subject a therapeutically effective amount of ~~the~~ a B-subunit of Shiga toxin.
2. (Original) The method of claim 1, wherein the tumor cells are colon tumor cells.
3. (original) The method of claim 1, wherein the tumor cells are derived from a tissue selected from the group consisting of: colon, lung, brain, skin, ovary, pancreas, liver, stomach, bladder, bone, testicle, uterus, adipose tissue, throat, kidney, tongue, pituitary gland, thyroid, lymphoid tissue, eye, and cervix.
4. (Previously Presented) The method of claim 1, wherein the B-subunit of Shiga toxin is Stx1B.
5. (Previously Presented) The method of claim 1, wherein the B-subunit of Shiga toxin is Stx2B.
6. (Previously Presented) The method of claim 1, wherein the therapeutically effective amount of the B-subunit of Shiga toxin is administered prior to the onset of metastasis by the tumor cells.
7. (Previously Presented) The method of claim 1, wherein the therapeutically effective amount of the B-subunit of Shiga toxin is administered subsequent to the onset of metastasis by the tumor cells.

8. (Previously Presented) The method of claim 1, further comprising administering to the subject a therapeutically effective amount of radiation.

9. (Previously Presented) The method of claim 1, further comprising administering to the subject a therapeutically effective amount of at least one chemotherapeutic agent.

10. (Previously Presented) The method of claim 1, wherein the tumor cells produce Gb₃.

11. (Previously Presented) The method of claim 1, wherein the subject is a human.

12. (Previously Presented) The method of claims 1, wherein the B subunit of Shiga toxin is conjugated to a therapeutic moiety.

13.-17 (Cancelled)

18. (New) A method of preventing, reducing, or inhibiting invasiveness and metastasis of colon tumor cells in a subject comprising administering to the subject a therapeutically effective amount of a B-subunit of Shiga toxin.